

Title (en)  
Reflow furnace.

Title (de)  
Aufschmelzofen.

Title (fr)  
Four à reflux.

Publication  
**EP 0307319 A2 19890315 (EN)**

Application  
**EP 88402276 A 19880909**

Priority  
JP 22785887 A 19870911

Abstract (en)  
A tunnel-type reflow furnace (10) comprising a preliminary heating zone and a main heating zone with at least two pairs of infrared heaters (12) of a gas blowing type disposed on both the top and bottom of a tunnel providing a pathway for the transfer of an article to be heated. In a preferred embodiment, a gas-blowing nozzle (20) that is freely adjustable in the direction of gas blowing is provided between infrared heaters (12) on both the top and bottom of the tunnel. The furnace (10) ensures reliable soldering of the circuit board.

IPC 1-7  
**F27B 9/06**; **F27B 9/10**; **H05B 3/00**

IPC 8 full level  
**B23K 1/005** (2006.01); **B23K 1/008** (2006.01); **B23K 1/012** (2006.01); **F27B 9/06** (2006.01); **F27B 9/10** (2006.01); **F27B 9/30** (2006.01); **H05K 3/34** (2006.01)

CPC (source: EP US)  
**B23K 1/008** (2013.01 - EP US); **F27B 9/066** (2013.01 - EP US); **F27B 9/10** (2013.01 - EP US); **F27B 9/3005** (2013.01 - EP US)

Cited by  
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